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Perfect score:
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        Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
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1: /cgn2_6/ptodata/2,
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/cgn2_6/ptodata/2/iaa/B_COMB.pep:*
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        4, 2002, 16:11:03;
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US-08-968-751-2
US-09-052-089A-2
US-09-052-089A-2
US-09-052-089A-15
US-09-052-089A-15
US-09-103B-25
US-09-103B-25
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US-09-128-369-1
US-08-867-057-3
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US-08-13-394
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RESULT 1 US-09-052-0 US-09-052-0 US-09-052-0 US-09-052-0	00000000000000000000000000000000000000
ALIGNMENTS ILT 1 99-052-089A-5 99-052-089A-5 99-052-089A-5 99-052-089A-5 99-052-089A-5 99-052-089A-5 99-052-089A-5 GENERAL INFORMATION: APPLICANT: Lee, Soo Y. ADDRESSE: David A. Jackson, Esq. STREET: 411 Hackensack Ave, Continental Plaza, 4th Floor CITY: Hackensack Esq. 1	8 82 28.7 46 2 US-08-691-8148-17 Sequence 17, Appl 982 28.7 284 2 US-08-786-606-9 Sequence 9, Appli 982 28.7 32.6 US-08-786-606-8 Sequence 2, Appli 80 28.0 47 4 US-09-052-089A-12 Sequence 12, Appli 20, 20, 20, 20, 20, 20, 20, 20, 20, 20,

Query Match

100.0%;

Score 286;

DB 4.

Length 51;

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; Sequence 2, Application US/08968751; Patent No. 5948643; GENERAL INFORMATION:
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US-09-052-089A-1
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GENERAL INFORMATION:
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Best Local Similarity
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TELEPHONE: 201-487-5800
TELEPAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
 APPLICANT:
APPLICANT:
                                                                                                                                                                       1 RALCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQVG
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FILING DATE: 31-Mar-1998
CLASSIFICATION: <UNKnown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP
                                                                                                                                                                                                                                                                                                                                                                     FRAGMENT TYPE: <Unknown>
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF
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Choi, Yongv
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TYPE: amino acid
STRANDEDNESS: single
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Rubinfeld, Bonnee Polakis, Paul G.
                                                                                                                                                                                                                                                     Conservative
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Pred. No. 6.2e-29;
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                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 6, Application Patent No. 6346605 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/968,751
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/ACENT INFORMATION:
NAME: Giotta, Gregory
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: ON TELECOMMUNICATION INFORMATION: TELEPHONE: (510) 262-8710
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
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             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOETWARE: PatentIn Release #1.0, Ve
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: David A.
ATTORNEY/AGENT INFORMATION:
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STATE: New Jersey
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94.1%;
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    Mismatches

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Pred. No. 5.3e-28;
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Length 469; Indels

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Version #1.30

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GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
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                                                                                                                                                         INFORMATION FOR SEQ ID NO: 2:
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esg., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SEQUENCE CHARACTERISTICS:
LENGTH: 51 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELECOMMUNICATION INFORMATION: TELEPHONE: 201-487-5800
                                                                                                                                                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson, Esq.
STREET: 411 Hackensack Ave, Continental Plaza, 4th
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE DESCRIPTION: SEQ ID NO:
                                    TOPOLOGY: linear MOLECULE TYPE: protei
                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 470 amino acids
                      HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: peptide
FRAGMENT TYPE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SLCTICSDFFDHSRDVAAIHCGHTFHLQCLIQWFETAPSRTCPQCRIQVG 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              46;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Hackensack
STATE: New Jersey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Jackson Esq., David A. REGISTRATION NUMBER: 26,742
                                                                                               TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 600-1-198 CIP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: linear
                                                                          STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 07601
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 6
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US-09-229-059-25

Sequence 25, Application US/09229059

Patent No. 633172

; GENERAL INFORMATION:
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                                                                     RESULT
                                                                                                                                                                               Query Match
Best Local Similarity
Matches 21; Conser
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/002,581
ETLING DATE: 17-AUG-1995
ATTORNEY/AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 09272/0
                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 650/85
INFORMATION FOR SEQ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASTSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 650/322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Rine, Jasper D.
APPLICANT: Hampton, Randol
TITLE OF INVENTION: GENES
TITLE OF INVENTION: CHOLES
                                                                                                                                                                                                                                                                                      TOPOLOGY: linear MOLECULE TYPE: polypeptide
                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                       348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/0 FILING DATE: 16-AUG-1996
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                                                                                                                                                 3 LCTICSDFFDHS------RDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
                                                                                                                                                                                                                                                                                                                                          LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORIGINAL SOURCE:
ORGANISM: mouse
                                                                                                                     ICIICMDELIHSPNQQTWKNKNKKPKRLPCGHILHLSCLKNWMER---SQTCPICRLPV 403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SSEE: Fish & Richardson P.C.
T: 2200 Sand Hill Road, Suite 100
Menlo Park
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                                                                                                                                                                                                                                                                                                                     : 551 amino acids amino acid
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92.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENES AND PROTEINS CONTROLLING CHOLESTEROL SYNTHESIS
                                                                                                                                                                                                       32.5%;
36.2%;
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                                                                                                                                                                                   Score 93; DB 3; Le
Pred. No. 0.00014;
Pred. No. 0.00014;
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Pred. No. 6.2e-27;
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                                                                                                                                                                                                                     Length 551;
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CURRENT APPLICATION DATA:

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RESULT 8
US-09-052-089A-15
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                                                                                                                                                                                                                                                                                                                                             Patent No. 6346605
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 15, Application US/09052089A
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INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY_AGENT INFORMATION:
NAME: Green, Grant D.
REGISTRATION NUMBER: 31,259
REFERENCE/DOCKET NUMBER: 0927
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650/322-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 2200 Sand Hill Road, Suite 100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
LENGTH: 551 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: Diskette
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             348 ICIICMDELIHSPNQQTWKNKNKKPKRLPCGHILHLSCLKNWMER---SQTCPICRLPV 403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/6 FILING DATE: 16-AUG-1996 APPLICATION NUMBER: 60/0 FILING DATE: 17-AUG-1995
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 LCTICSDFFDHS------RDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson,
STREET: 411 Hackensack Ave, (
                                                                                                                                                                                                                                                                   TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE THE RECEPTOR SUPER FAMILY, AND USES THEREOF
                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                             APPLICANT: Lee, Soo Y.
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                                                                                                                                   CITY: Hackensack
STATE: New Jersey
                                                                                                                   COUNTRY:
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                                                                                                                   USA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           32.5%;
                                                                                                                                                                                                                                                                                                            Yongwon
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pred. No. 0.00014; 
5; Mismatches 20; Indels
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                                                                                                                                                                                            Continental Plaza,
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Best Local Similarity
Matches 14; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1,
                                                                         TELEFAX: 415-845-4166 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
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                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,
                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/81 FILING DATE: Filed Herewith PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                               SEQUENCE CHARACTERISTICS:
LENGTH: 381 amino acids
                                                                                                               TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Shah, Purvi
TITLE OF INVENTION: NEW ZINC RING PROTEIN
NUMBER OF SEQUENCES: 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 3174 POI
CITY: Palo Alto
                                                                                                                                                   REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                             APPLICATION NUMBER: FILING DATE:
STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Incyte Pharmaceuticals, Inc. STREET: 3174 Porter Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
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TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/09/052,089A FILING DATE: 31-Mar-1998 CLASSIFFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
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                   amino acid
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REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: amino acid
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29.2%;
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Pred. No. 3.4e-05;
L2; Mismatches 21;
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; LIBRARY: GenBau
; CLONE: 1321818
US-08-867-057-3
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; LIBRARY: BMARN
; CLONE: 104119
US-08-867-057-1
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RESULT
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APPLICANT: Hillman,
APPLICANT: Lal, Pree
APPLICANT: Shah, Put
TITLE OF INVENTION:
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                                                                                                              Matches
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                 ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                       TELECOMMUNICATION INFORMATION: TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: US/08/86
FILING DATE: Filed Herewith
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                           239 VCATCLDEYEDGDKLRILPCSHAYHCKC-VDPWLTKTKKTCPVCKQKV 285
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                                                                   3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
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                                                                                                                                                                                                                                                                                                       381 amino acids
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                                                                                                             Conservative
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29.2%; Pred. No. 0.00036;
29.2%; Mismatches 21;
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                                                                                                           30.9%; Score 88.5; DB 2; 29.2%; Pred. No. 0.00036; tive 12; Mismatches 21;
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RESULT 12
US-09-128-369-3
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GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                               Matches
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                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Hillman, Jennifer L.
APPLICANT: Lal, Preeti
APPLICANT: Shah, Purvi
TITLE OF INVENTION: NEW ZINC RI
NUMBER OF SEQUENCES: 3
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 08/867,05
FILING DATE: 06/02/1997
ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
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SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
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COMPUTER READABLE FORM:
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CITY: Palo Alto
                                                CITY: Palo Alto
STATE: CA
                                                                                   ADDRESSEE: Incyte Pharmaceuticals, STREET: 3174 Porter Drive
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                           COUNTRY:
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CURRENT APPLICATION DATA:

OPERATING SYSTEM: DOS SOFTWARE: FastSEQ for Windows Version 2.0

MEDIUM TYPE:

Diskette

IBM

Compatible

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Best Local Similarity
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INFORMATION FOR SEQ ID NO: 3:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT:
                                             FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/002,183
FILING DATE: 09-AUG-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                        SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/08/691,814B FILING DATE: 31-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
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                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Isolated Nucleic Acid Molecules Useful TITLE OF INVENTION: as Leukemia Markers and in Breast Cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Basset, Paul
APPLICANT: Byrne, Jennifer
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                                                                                                                                                                                                                                                                                                                             STREET: 1100
CITY: Washington
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REFERENCE/DOCKET NUMBER:
                 NAME: Steffe, Eric K. REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE: Sterne, Kessler, Goldstein & Fox P.L.L.C STREET: 1100 New York Ave, NW, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LIBRARY: GenBank
CLONE: 1321818
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REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0311
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29.2%; Pre
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                  36,688
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Pred. No. 0.00036;
12; Mismatches 21;
1383.0090001
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RESULT 14
US-08-331-394-13
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Best Local Similarity 3
Trohes 15; Conservati
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; MOLECULE TYPE: peptide
US-08-691-814B-20
                                                                                  US-08-331-394-13
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     Matches
                    Query Match
Best Local
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                                                                                                                                              TELEFAX: 415/952-9881
TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/25
FILING DATE: 27-MAY-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOCTWARE: patin (Genentech) CURRENT APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TITLE OF INVENTION: Tumor Necrosis Factor TITLE OF INVENTION: Receptor-Associated Factors
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CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                              NAME: Dreger, Ginger R. REGISTRATION NUMBER: 33 REFERENCE/DOCKET NUMBER:
   Local Similarity les 16; Conserv
                                                                                                   TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION: 436
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STRANDEDNESS: not
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                                                                                                                               LENGTH:
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TELEFAX: 202-371-2543
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   Conservative
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Score 84; DB 1; Length 47
Pred. No. 0.00013;
8; Mismatches 17; Indels
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Patent No. 5741667
GENERAL INFORMATION:
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GENERAL INFORMATION:
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 897.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
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MEDIUM TYPE: 5.25 inch,
                                                                   CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
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                                                                                                                                           APPLICANT: Goeddel, David V.
APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Ne
NUMBER OF SEQUENCES: 66
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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PRIOR APPLICATION DATA:
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COMPUTER READABLE FORM:
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                                                        STATE:
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                                                                                                                                                              Tumor Necrosis Factor Receptor-Associated Factors
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                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 mb;
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
OPERATING SYSTEM: PC-DOS/MS-DOS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
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CURRENT APPLICATION DATA:
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             REFERENCE/DOCKET NUMBER: POTELECOMMUNICATION INFORMATION:
                                                                                 APPLICATION NUMBER: 08/2 FILING DATE: 05/27/1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 28-OCT-1994
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
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TELEX: 910/371-7168
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nes 16; Conserv
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                                                                     NAME:
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                                                REGISTRATION NUMBER:
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                                      Dreger, Ginger R.

NUMBER: 33,055
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35.6%;
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Pred. No. 0.00013;
8; Mismatches 17
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Length 47; Indels

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В
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                                                                                                                                           ; TYPE: amino acid; TOPOLOGY: linear PCT-US95-06639-13
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                                                                 Matches
                                                                             Query Match
Best Local Similarity
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: PC-DOS/MS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
                                                                                                                                                                                           SEQUENCE CHARACTERISTICS: LENGTH: 47 amino acids
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MEDIUM TYPE: 3.5 inch, 1.44 Mb disk
COMPUTER: IBM PC compatible
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ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
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ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                       NAME: Dreger, Ginger R. REGISTRATION NUMBER: 33 REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity 35.0 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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CPVCLQYF---AEPMMLDCGHNICCACLARCWGTAETNVSCPQCR 45
                  CTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSR-TCPQCR 47
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                                                               Conservative
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                                                            Score 84; DB 5;
Pred. No. 0.00013;
8; Mismatches 17
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Pred. No. 0.00013;
8; Mismatches 17
                                                              17; Indels
                                                                                          Length 47;
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US-08-480-784-85
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US-08-480-784-85
Best Loc
Matches
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                             Query Match
                                                                                                                                                                                                                      TELEFAX: 202-962-8300 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24884-10
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APPLICANT:
                                                                                                  MOLECULE TYPE: HYPOTHETICAL:
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FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
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MEDIUM TYPE: Floppy disk
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
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 Local Similarity
nes 16; Conserv
                                                                                                                                STRANDEDNESS:
TOPOLOGY: 1i
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OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                 LENGTH:
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                                                                                                                                                                                       42 amino acids
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 Conservative
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Goldgar, David E.
                                                                                                                                linear
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NO
               28.7%;
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Score 82; DB 1; Length 42;
Pred. No. 0.00021;
8; Mismatches 17; Indels
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1 CPVCLQYF---AEPMMLDCGHNICCACLARCWGTACTNVSCPQCR 42

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; MOLECULE TYPE:
; HYPOTHETICAL:
US-08-483-553-85
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   Query Match 28.7%;
Best Local Similarity 35.6%;
Matches 16; Conservative
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APPLICANT:
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APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
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APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
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REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24
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                                                                                                                                                                                           ENGTH:
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                                                                                                                                                                                             42 amino acids
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Shattuck-Eidens, Donna
Tavtigian, Sean V.
Wiseman, Roger W.
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Futreal, P. Andrew
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SYSTEM: PC-DOS/MS-DOS
                                                                                                                                            linear
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Score 82; DB 1; Length 42; Pred. No. 0.00021; Indels 8; Mismatches 17; Indels
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US-08-487-002-85
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 Query Match
Best Local Similarity
Matches 16; Conserv
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOTTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
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CORRESPONDENCE ADDRESS:
                                                                                                                   MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
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ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER: US 01
FILING DATE: 24-MAR-1995
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CITY: Washington
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CLASSIFICATION: 424
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                                                                                                                                                                                                                                                                                                                             NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28,957
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                                                                                                                                                                                                          42 amino acids
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                                                                                                                                                        Linear
                                                                                                                                                                                                                                                                                202-962-4810
                                                                                                                 : peptide
NO
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02-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            IUMBER: US 08/308,104
16-SEP-1994
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12-AUG-1994
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                           28.7%;
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Score 82; DB 1; .....
Pred. No. 0.00021;
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Conservative

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Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 85,
                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: 07-JUN-1995

CLASSIFICATION: 514

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305

FILING DATE: 24-MAR-1995

PRIOR APPLICATION UNBER: US 08/348,824

PRIOR DATE: 29-NOV-1994
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INFORMATION FOR SEQ ID NO:
                                                                           TOPOLOGY: 11
MOLECULE TYPE:
HYPOTHETICAL:
                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 0 FILING DATE: 02-SEP-1994 PRIOR APPLICATION DATA:
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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APPLICATION NUMBER:
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                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                      NAME: Ihnen, Jeffre REGISTRATION NUMBER:
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                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 12-AU
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                                                                                                                                    amino acid
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Shattuck-Eidens, Donna
Tavtigian, Sean V.
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Goldgar, David
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SYSTEM: PC-DOS/MS-DOS
                                                                                                       linear
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                                                                        . peptide
NO
                                                                                                                                                                                                                                                             Jeffrey L.
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85
 28.7%;
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 Score 82; DB 1;
Pred. No. 0.00021;
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               Length 42;
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                                                                                                        TELEFAX: 202-9
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APPLICANT: Futreal,
TITLE OF INVENTION:
TITLE OF INVENTION:
MOLECULE TYPE: HYPOTHETICAL:
                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/308,104
FILING DATE: 16-SEP-1994
                                                                                          SEQUENCE CHARACTERISTICS
                                                                                                                                                   TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                          ATTORNEY/AGENT INFORMATION:
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APPLICATION NUMBER:
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APPLICATION NUMBER:
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                               TOPOLOGY:
                                            STRANDEDNESS:
                                                                                                                                                                                   NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28
                                                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: FILING DATE: 29-NC
                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US 01 FILING DATE: 24-MAR-1995
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OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                   TELEPHONE:
                                                                                                                                                                      REFERENCE/DOCKET NUMBER:
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                                                                          42 amino acids
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Shattuck-Eidens, D
Tavtigian, Sean V.
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Miki, Yoshio
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                               linear
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02-SEP-1994
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17q-Linked Breast and Ovarian Cancer
Susceptibility Gene
85
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Best Local S
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GENERAL INFORMATION:
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                                                                                            TELEFAX: 202-962-8300
INFORMATION FOR SEQ ID NO:
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ARPLICATION NUMBER: US 08/348,824

FILING DATE: 29-NOV-1994

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: US 08/308,104
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APPLICATION NUMBER: US 0:
FILING DATE: 07-JUN-1995
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TITLE OF INVENTION: 17q-Linked Breast ar
TITLE OF INVENTION: Susceptibility Gene
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MEDIUM TYPE: Floppy
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                                                                                   SEQUENCE CHARACTERISTICS:
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APPLICATION NUMBER: 1
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APPLICATION NUMBER:
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 MOLECULE TYPE:
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nes 16; Conserv
                                                                                                                                                                              NAME: Ihnen, Jeffrey L. REGISTRATION NUMBER: 28,957
                                                                                                                                                                                                                                         APPLICATION NUMBER: US 08/289,221 FILING DATE: 12-AUG-1994
                                                                                                                                                                                                                                                                                         FILING DATE:
                                                                                                                                                                                                                                                                                                                                           FILING DATE: 16-SEP-1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: US/08/850,727 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OPERATING SYSTEM:
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                                                                                                                                                                    REFERENCE/DOCKET NUMBER:
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                 TOPOLOGY: li
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                                                                LENGTH:
                                                amino acid
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                                                              42 amino acids
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Futreal, P. Andrew
VENTION: 179-Linked Breast and Ovarian
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Shattuck-Eidens, Donna M.
Tavtigian, Sean V.
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SYSTEM: PC-DOS/MS-DOS
                 linear
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Pred. No. 0.00021;
                                                                                                                                                                     24884-109347
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                                                              TELEFAX: 202-962-8300 INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Nakamura, Yusuke APPLICANT: Durocher, Francine TITLE OF INVENTION: In Vivo MUTITLE OF INVENTION: In the 179 TITLE OF INVENTION: Susceptibi
                                                                                                                                                                                                                                                                               FILING DATE: 16-SEP-1994
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US 08/300,266
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PAPPLICATION NUMBER: US 08/289,221
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
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PRIOR APPLICATION NUMBER: US 08/348,824
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/409,305
FILING DATE: 24-MAR-1995
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CURRENT APPLICATION DATA:
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MEDIUM TYPE: Floppy disk
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CORRESPONDENCE ADDRESS:
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                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
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                                                                                                                                                                    NAME: Ihnen, Jeffre
REGISTRATION NUMBER:
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                                                                                                                                                    REFERENCE/DOCKET NUMBER:
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                STRANDEDNESS:
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
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24884-109347
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Pred. No. 0.00021;
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PCT-US95-10202-85
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Best Local
INFORMATION FOR
                                                                                                  APPLICATION NUMBER: US 08/
FILING DATE: 02-SEP-1994
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 08/
FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
                                         NAME: Ihnen, Jeffrey L.
REGISTRATION NUMBER: 28,957
REFERENCE/DOCKET NUMBER: 24:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                          FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
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APPLICATION NUMBER: 1
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                           TELEPHONE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           SOFTWARE:
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Goldgar, David
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                            202-962-4810
                                                                                                                                                                  UMBER: US 08/300,266
02-SEP-1994
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David E.
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                                                          24884-109347
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PCT-US95-10203-85
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Best Local Similarity 33.0
Matches 16; Conservative
                                                                                                                                                                                                                  APPLICATION NUMBER: US
FILING DATE: 07-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION UMBER: US 08/
FILING DATE: 24-MAR-1995
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: US
                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/10220
                                                                                                                                       APPLICATION NUMBER: US 08/348,824
FILING DATE: 29-NOV-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08-308,104
FILING DATE: 16-SEP-1994
                        FILING DATE: 12-AUG-1994
ATTORNEY/AGENT INFORMATION:
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                                             APPLICATION NUMBER: FILING DATE: 12-AU
                                                                                              APPLICATION NUMBER: FILING DATE: 02-SEF
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NAME: Ihnen, Jeffre REGISTRATION NUMBER:
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Method for Diagnosing a
Predisposition for Breast and Ovarian Cancer
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                                                                                                           US 08/300,266
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 9 L.
28,957
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; Pred. No. 0.00
8; Mismatches
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24884-109347

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                                              US-08-691-814B-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 17, Applicat Patent No. 5981218 GENERAL INFORMATION:
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Best Local :
 Query Match
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                                                                                                                                  TELEFAX: 202-371-2543
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 36,688
REFERENCE/DOCKET NUMBER: 13
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-2600
                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 42 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 24
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-962-4810
TELEFAX: 202-962-8300
                                                                                                                                                                                                                                                                                                         FILING DATE: 31-JUL-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA: APPLICATION NUMBER: US
                                                                                                                                                                                                                                                            APPLICATION NUMBER: US 60/002,183 FILING DATE: 09-AUG-1995 ATTORNEY/AGENT INFORMATION:
                                                             MOLECULE TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 1100
CTTY: Washington
                                                                         TYPE: amino acid
STRANDEDNESS: not
TOPOLOGY: not re
                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS
                                                                                                                                                                                                                                                                                                                                                                                        SOFTWARE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY:
                                                                                                                        LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 CPVCLQYF---AEPMMLDCGHNICCACLARCWGTACTNVSCPQCR 42
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                                                                                                                                                                                                                                             Steffe, Eric K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Application US/08691814B
                                                                                                                          46 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Sterne, Kessler, Goldstein & Fox P.L.L.C 1100 New York Ave, NW, Suite 600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   USA
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Tomasetto, Catherine
                                                                                                                                                                                                                                                                                                                                                                                      PatentIn Release #1.0, Version #1.30
                                                                             not relevant
                                                             peptide
                                                                                           not relevant
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 28.7%;
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 Score 82;
                                                                                                                                                                                                                  1383.0090001
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Pred. No. 0.00021;
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2;
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Length 46;
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RESULT 30
US-08-786-606-8
; Sequence 8, Application US/08786606
; Patent No. 5861495
; GENERAL INFORMATION:
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US-08-786-606-9
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                                                                                                                     В
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Patent No. 5861495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 29.3
Matches 14; Conservative
                                                                                                                                                                              Query Match
Best Local Similarity
Matches 16; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE:
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                            TOPOLOGY: line IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                                                                                                                    126 CAICIEAYKPTDTIRILPCKHEFHKNCIDPWLIE-----HRTCPMCKLDV 170
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OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Palo Alto
STATE: CA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Billings, Lucy RJ REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY:
                                                                                                                                                                                                                                                                            LIBRARY: GenB
                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICATION NUMBER:
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                                                                                                                                              4 CTICSDFFDHSRDVAAMDCGHTFHLQC----LIQSFETAPSRTCPQCRIQV 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3 MCALCGGYFIDATTI--VECLHSFCKTCIVRYLET--NKYCPMCDVQV 46
                                                                                                                                                                                                                                                                                                                                                                           ENGTH:
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                                                                                                                                                                                                                                                                                                                                                           amino acid
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                                                                                                                                                                                                                                                                                                                                                                           284 amino acids
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Coleman, Roger
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                                                                                                                                                                                                                                                                                             GenBank
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                                                                                                                                                                                                                                                                                                                           linear
                                                                                                                                                                                                                                                                                                                                            single
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                                                                                                                                                                                                28.7%;
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                                                                                                                                                                                 8; Mismatches
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4; Mismatches 16;
                                                                                                                                                                                              Score 82; DB 2;
Pred. No. 0.0019;
                                                                                                                                                                                17; Indels
                                                                                                                                                                                                             Length 284;
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; CLONE: 461632
US-08-786-606-8
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US-09-052-089A-12
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                                                                                                                                                                              Sequence 12, Application US/09052089A
Patent No. 6346605
GENERAL INFORMATION:
APPLICANT: Lee, Soo Y.
Choi, Yongwon
                                                                                                                                                                                                                                                                                                                                                                                                      Matches
                                                                                                                                                                                                                                                                                                                                                                                                                       Best
                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY/AGENT INFORMATION:
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: linear
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/786,606
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
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CORRESPONDENCE ADDRESS:
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CITY: Palo Alto
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                                                                                                                                                                                                                                                                                                                                                                                               28.7%; Score 82; DB 2; Length 326; Local Similarity 31.2%; Pred. No. 0.0022; hes 15; Conservative 13. Michael.
                                                                                                                                                                                                                                                                                                                                  17 MCVLCGGYFIDATTI--IECLHSFCKTCIVRYLET--SKYCPICDVQV 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM CONTROL OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 415-845-4166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                 3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADDRESSEE:
                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: David A. Jackson,
                                                                                                                                              TITLE OF INVENTION: SIGNAL TRANSDUCER FOR THE TNF RECEPTOR SUPER FAMILY, AND USES THEREOF
                                                                                                                                  NUMBER OF SEQUENCES: 16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     amino acid
COUNTRY: USA
ZIP: 07601
                             CITY: Hackensack
STATE: New Jersey
                                                                            STREET: 411 Hackensack Ave,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       326 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Hillman, Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           IBM Compatible
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                                                                Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       single
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                                                                              Continental Plaza,
                                                                                4th
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US-08-786-606-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3, Application Patent No. 5861495
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
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TELEPHONE: 201-487-5800
TELEFAX: 201-343-1684
INFORMATION FOR SEQ ID NO: 12:
                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                       ATTORNEY/AGENT INFORMATION: NAME: Billings, Lucy RJ
                                                                                            CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 9
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                           TITLE OF INVENTION: NOVEL HUMAN ZINC-BINDING TITLE OF INVENTION: PROTEINS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
                                                                                                                                                      APPLICATION NUMBER: FILING DATE:
                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                        STREET: 3174 POI
CITY: Palo Alto
NAME: Billings, Lucy RJ
REGISTRATION NUMBER: 36,749
REFERENCE/DOCKET NUMBER: PF-0173 US
                                                                               FILING DATE
                                                                                                                                                                                                                                                                   MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSRTCPQCRIQV 50
                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3 LCKICA---ENDKDVKIEPCGHLMCTSCL-TSWQESEGQGCPFCRCEI 46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA: Release #1.0, Version #1.30
APPLICATION NUMBER: US/09/052,089A
FILING DATE: 31-Mar-1998
CLASSIFICATION: <UNknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 47 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FRAGMENT
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                                                                                                                                                                                                                                                                                                            94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Application US/08786606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-198 CIP 1
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                                                                                                                                                                                                                                                                                                                                                                             3174 Porter Drive
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Coleman, Roger
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                     Incyte Pharmaceuticals, Inc
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Jennifer L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         28.0%;
33.3%;
                                                                                                                                                                      US/08/786,606
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Pred. No. 0.00043;
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Best Local Similarity
Matches 17; Conserv
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                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           tent No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 180 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                      REFERENCE/DOCKET NUMBER: PF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
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TELEPHONE: 415-855-0555
TELEFAX: 415-845-4166
                                                                                         SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                              CLASSIFICATION: 536 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                               FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES:
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TOPOLOGY: line
IMMEDIATE SOURCE:
LIBRARY: TESTN
                                                                                                                                                                                                NAME: Billings, Lucy J.
REGISTRATION NUMBER: 36,749
                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: Septem
                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U
ZIP: 94304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Palo Alto
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                                           STRANDEDNESS:
                                                                                                                                       TELEFAX: 415-845-4166
                                                                                                                                                                                                                                                               APPLICATION NUMBER:
                                                                          LENGTH:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               T: Guegler, Karl J.
T: Corley, Neil C.
INVENTION: HUMAN REGULATORY MOLECULES
                                                           amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CA
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3174 Porter Drive
                                                                        180 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                      USA
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Bandman, Olga
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 TESTNOT 07
                           linear
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                                                                                                                                                                                                                                                                                                         NUMBER: US/08/933,750C
September 23, 1997
                                                                                                                                                                                                                                                                                                                                                                                                       Diskette
                                           single
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Pred. No. 0.
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                                                                                                             US-09-234-613-48
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Sequence 48, App...
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                                   Query Match
Best Local Similarity
Matches 17; Conser
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APPLICANT:
                                                                                                                                                   TOPOLOGY: line
IMMEDIATE SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
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MEDIUM TYPE: Diskett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS
ADDRESSEE: Incyte Pl
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REFERENCE/DOCKET NUMBER: PF-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-855-0555
                                                                                                                                                                                                                                                                                                                                                           FILING DATE: September 23, 1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                       CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Guegler, Karl J.
APPLICANT: Corley, Neil C.
TITLE OF INVENTION: HUMAN RE
                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS:
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                                                                                                                           LIBRARY: TESTNOT07
CLONE: 3217567
                                                                                                                                                                                   STRANDEDNESS:
                                                                                                                                                                                                                                                                        TELEFAX: 415-845-4166
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                           APPLICATION NUMBER:
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CTICSDFFDHSRDVAAMDCGHTFHLQCLIQSFETAPSR-TCPQCR 47
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                                                                                                                                                                                                  amino acid
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                                                                                                                                                                                                             180 amino acids
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Bandman, Olga
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                                       Conservative
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                                                                                                                                                                       linear
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37.8%;
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                                                   28.0%;
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Pred. No. 0.0021;
5; Mismatches 1
                                      <u>ن</u>
                                                   Score 80; I
                                      Mismatches
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                                                   DB 4; Length 180;
0.0021;
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                                      19; Indels
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27 CNIC---LETAREAVVSVCGHLYCWPCLHQWLETRPERQECPVCK 68

US-08-331-394-14

Sequence 14, Patent No. 5

Application US/08331394

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RESULT 36
US-08-250-858-14
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TOPOLOGY:
US-08-331-394-14
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO: 14
SEQUENCE CHARACTERISTICS:
"FNGTH: 48 amino acids
                                                                                                                                                                                                                                                    Sequence 14, Application US/08250858 Patent No. 5708142
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 18; Conserv
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                                                                                                                                         APPLICANT: Goeddel, David V.

APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors
NUMBER OF SEQUENCES: 62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: 5.25 inch, 360 kb floppy
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                 CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Goeddel, David V.

APPLICANT: Rothe, Mike
TITLE OF INVENTION: Tumor Necrosis Factor
TITLE OF INVENTION: Receptor-Associated Factors
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
TELEFAX: 415/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: 08/2: FILING DATE: 27-MAY-1994 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIFICATION: 436 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
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                                                  STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: California
                                      COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: 89
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Pred. No. 0.0018;
5; Mismatches 21;
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RESULT 37
US-08-446-915-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250858
FILING DATE: 27-MAY-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/331394
FILING DATE: 28-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Ginger R.
REGISTRATION NUMBER: 33,055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS SOFTWARE: patin (Genentech) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM: MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OPERATING SYSTEM: PC-DOS/MS
SOFTWARE: patin (Genentech)
CURRENT APPLICATION DATA:
REFERENCE/DOCKET NUMBER: 89
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 415/952-9881
TELEEX: 910/371-7168
TELEX: 910/371-716
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Tumor Necrosis Factor Receptor-Associated Factors NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Genentech, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQUENCE CHARACTERISTICS: LENGTH: 48 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                            STREET: 460 Point San Bruno Blvd CITY: South San Francisco STATE: California
                                                                                                                                                                                                                        CLASSIFICATION: 435
                                                                                                                                                                                                                                             FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / Match 26.4%;
Local Similarity 36.7%;
les 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: FILING DATE: 27-May CLASSIFICATION: 435
                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/08/446,915
                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Dreger, Ginger R. REGISTRATION NUMBER: 33,055
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MEDIUM TYPE: 5.25 inch, 360 Kb floppy disk COMPUTER: IBM PC compatible
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5. 5741667
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V: 435
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      David V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PC-DOS/MS-DOS
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US-08-744-139-14
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                                                                                                                                                                                              TELEX: 91/371-7168
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino Type
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 14, Application US/08744139 Patent No. 5869612
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                                                                    Query Match
Best Local Similarity 36. 
Matches 18; Conservative
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TELEX: 910/371-7168
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 48 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/250
APPLICATION NUMBER: 08/27/1994
ATTORNEY/AGENT INFORMATION:
NAME: Dreger, Gliger R.
REGISTRATION NUMBER: 33,05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch, 1.44 mb floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                    REGISTRATION NUMBER: 33,055
REFERENCE/DOCKET NUMBER: P08
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/25-3216
TELEFAX: 415/952-9881
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC compate OPERATING SYSTEM: PC-DC SOFTWARE: WinPatin (Ger CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: TO NUMBER OF SEQUENCES: CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Goeddel, David V APPLICANT: Rothe, Mike
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Genentech, Inc.
STREET: 460 Point San Bruno Blvd
CITY: South San Francisco
STATE: CONTROL STATE
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les 18; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/744,139 FILING DATE: 31-Oct-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLI--QSFETAPSRTCPQCRIQ 49
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                                   3 LCTICSDFFDHSRDVAAMDCGHTFHLQCLI--QSFETAPSRTCPQCRIQ 49
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LCKICA---ENDKDVKIEPCGHLMCTSCLTSWQESEGQGSSGCPFCRCE 48
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                                                                                                                                                                            Linear
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                                                                                     26.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (Genentech)
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Pred. No. 0.0018;
5; Mismatches 21;
                                                                  Score 75.5; DB 2;
Pred. No. 0.0018;
5; Mismatches 21;
                                                                                                    DB 2;
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                                                                                                     Length 48
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                                                                                                                                                                                  ; Patent No. 6190857; GENERAL INFORMATION:
   APPLICANT: Ralph, David
   APPLICANT: An, Gang
   APPLICANT: O'Hara, Mark S
   APPLICANT: Veltri, Robert
                                                                                                                                                                                                                                                                                                       US-09-046-894-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PCT-US95-06639-14
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                                                                                                                                                                                                                                                                                     Sequence 44,
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                                                                                                               APPLICANT: O'Hara, Mark S.
APPLICANT: Veltri, Robert
TITLE OF INVENTION: DIAGNOSIS OF
TITLE OF INVENTION: PROFILES IN
NUMBER OF SEQUENCES: 55
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-SOFTWARE: patin (Genentech) CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   REFERENCE/DOCKET NUMBER: 89
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415/225-3216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICATION NUMBER: 08/3:
FILING DATE: 28-OCT-1994
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CORRESPONDENCE ADDRESS: ADDRESSEE: Genentech,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FILING DATE: 27-MAY-PRIOR APPLICATION DATA:
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COMPUTER READABLE FORM:
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            COUNTRY: US.
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CITY: South San Francisco
STATE: California
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nes 18; Conser
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CLASSIFICATION:
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                                                                   CITY:
                                                                                   STREET:
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                                                                                                   ADDRESSEE:
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                                                                   Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              amino acids
                              Texas
                                                                                                                                                                                                                                                                                         Application US/09046894
                                                                                   P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   415/952-9881
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                                                                                                   Arnold,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           26.4%;
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                                                                                                   White & Durkee
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                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 75.5; DB 5;
Pred. No. 0.0018;
5; Mismatches 21;
                                                                                                                                                    OF DISEASE STATE USING MRNA IN PERIPHERAL LEUKOCYTES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 48;
                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PC-DOS/MS-DOS
SOFTWARE: PC-DOS/MS-DOS
CURRETT APPLICATION BATA: SS-07046.894
PILIAG DATE: CONCUTTENTLY HEREWICH
PIOR APPLICATION NUMBER: US 60/041.576
PILIAG DATE: CONCUTTENTLY HEREWICH
PIOR APPLICATION NUMBER: US 60/041.576
PILIAG DATE: 24-MR-1997
PATTORNEY/AGENT INFORMATION:
NAME: NAKASHIMA, RICHARD A.
REGISTRATION INFORMATION:
PELEPHONE: (512) 414-7577
INFORMATION FOR SED ID NO: 444:
SEQUENCE CHARACTERISTICS:
LENGTH: 40 amino acids
TYPE: amino acids
TYPE: amino acids
TYPE: MATCH A.
SEQUENCES: 11near
US-09-046-894-44

QUETY MAICH
PST PODLOGY: Linear
US-09-046-894-44

QUETY MAICH
PST PODLOGY: LINEARY
OPPOLOGY: LINEARY
OPPOLOGY:
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